

1082

|    |       |      |     |   |                    |                   |
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| 1  | 2184  | 99.5 | 433 | 2 | US-09-170-496D-48  | Sequence 48, Appl |
| 2  | 2180  | 99.3 | 433 | 1 | US-08-919-624-1    | Sequence 1, Appli |
| 3  | 2175  | 99.0 | 433 | 2 | US-09-170-496D-190 | Sequence 190, App |
| 4  | 282   | 12.8 | 430 | 1 | US-07-937-609-23   | Sequence 23, Appl |
| 5  | 282   | 12.8 | 430 | 1 | US-08-919-624-3    | Sequence 3, Appli |
| 6  | 282   | 12.8 | 430 | 2 | US-08-029-170-23   | Sequence 23, Appl |
| 7  | 282   | 12.8 | 430 | 2 | US-09-443-745-23   | Sequence 23, Appl |
| 8  | 282   | 12.8 | 450 | 1 | US-07-937-609-24   | Sequence 24, Appl |
| 9  | 282   | 12.8 | 450 | 2 | US-08-029-170-24   | Sequence 24, Appl |
| 10 | 282   | 12.8 | 450 | 2 | US-09-443-745-24   | Sequence 24, Appl |
| 11 | 266.5 | 12.1 | 444 | 1 | US-07-937-609-14   | Sequence 14, Appl |
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| 14 | 257   | 11.7 | 443 | 1 | US-08-570-157-6    | Sequence 6, Appli |
| 15 | 257   | 11.7 | 443 | 2 | US-09-076-510-6    | Sequence 6, Appli |
| 16 | 257   | 11.7 | 443 | 2 | US-09-004-349-6    | Sequence 6, Appli |
| 17 | 253   | 11.5 | 428 | 1 | US-08-570-157-5    | Sequence 5, Appli |
| 18 | 253   | 11.5 | 428 | 2 | US-08-029-170-31   | Sequence 31, Appl |
| 19 | 253   | 11.5 | 428 | 2 | US-09-076-510-5    | Sequence 5, Appli |
| 20 | 253   | 11.5 | 428 | 2 | US-09-004-349-5    | Sequence 5, Appli |
| 21 | 253   | 11.5 | 428 | 2 | US-09-443-745-31   | Sequence 31, Appl |
| 22 | 249.5 | 11.4 | 453 | 1 | US-08-570-157-7    | Sequence 7, Appli |
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| 24 | 249.5 | 11.4 | 453 | 2 | US-09-004-349-7    | Sequence 7, Appli |
| 25 | 240.5 | 11.0 | 449 | 1 | US-08-570-157-1    | Sequence 1, Appli |
| 26 | 240.5 | 11.0 | 449 | 2 | US-09-076-510-1    | Sequence 1, Appli |
| 27 | 240.5 | 11.0 | 449 | 2 | US-09-004-349-1    | Sequence 1, Appli |
| 28 | 239   | 10.9 | 371 | 1 | US-08-415-818-6    | Sequence 6, Appli |
| 29 | 239   | 10.9 | 371 | 1 | US-08-894-236-6    | Sequence 6, Appli |
| 30 | 239   | 10.9 | 371 | 1 | US-08-919-624-4    | Sequence 4, Appli |
| 31 | 239   | 10.9 | 371 | 5 | PCT-US96-01444-6   | Sequence 6, Appli |
| 32 | 229.5 | 10.5 | 584 | 2 | US-09-693-746-22   | Sequence 22, Appl |
| 33 | 225.5 | 10.3 | 450 | 2 | US-09-721-870-16   | Sequence 16, Appl |
| 34 | 223   | 10.2 | 451 | 1 | US-08-570-157-2    | Sequence 2, Appli |
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| 36 | 223   | 10.2 | 451 | 2 | US-09-004-349-2    | Sequence 2, Appli |
| 37 | 222.5 | 10.1 | 452 | 1 | US-07-937-609-16   | Sequence 16, Appl |
| 38 | 222.5 | 10.1 | 452 | 2 | US-08-029-170-16   | Sequence 16, Appl |
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| 40 | 222   | 10.1 | 422 | 1 | US-07-817-920-3    | Sequence 3, Appli |
| 41 | 222   | 10.1 | 422 | 1 | US-08-370-542-3    | Sequence 3, Appli |
| 42 | 222   | 10.1 | 422 | 1 | US-08-117-006-3    | Sequence 3, Appli |
| 43 | 222   | 10.1 | 422 | 1 | US-08-216-594-3    | Sequence 3, Appli |
| 44 | 222   | 10.1 | 422 | 1 | US-08-542-358-3    | Sequence 3, Appli |
| 45 | 222   | 10.1 | 422 | 1 | US-08-157-185-13   | Sequence 13, Appl |

## ALIGNMENTS

## RESULT 1

US-09-170-496D-48

; Sequence 48, Application US/09170496D

; Patent No. 6555339

; GENERAL INFORMATION:

; APPLICANT: Behan, Dominic P.

; APPLICANT: Chalmers, Derek T.

; APPLICANT: Liaw, Chen W.

; TITLE OF INVENTION: No. 6555339-Endogenous, Constitutively Activated Human G Protei

; TITLE OF INVENTION: Receptors

```
; FILE REFERENCE: AREN-0040
; CURRENT APPLICATION NUMBER: US/09/170,496D
; CURRENT FILING DATE: 1998-10-13
; NUMBER OF SEQ ID NOS: 294
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 48
; LENGTH: 433
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-170-496D-48
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Query Match          99.5%; Score 2184; DB 2; Length 433;
Best Local Similarity 99.8%; Pred. No. 1.3e-178;
Matches 432; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Db    181 FFSLQSGNTWENKTLTLCVSTNEYYTELGMYHLLVQIPIFFFTVVVMLITYTKILQALNI 240

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Db    361 IFHPLLYAFTRQKFQKVLKSKMKKRVVSIVEADPLPNNAVIHNSWIDPKRNKKITFEDSE 420

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Db    421 IREKRLVPQVVTD 433
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~~RESULT 2~~

```
US-08-919-624-1
; Sequence 1, Application US/08919624
; Patent No. 5994097
; GENERAL INFORMATION:
; APPLICANT: Lal, Preeti
; APPLICANT: Shah, Purvi
; APPLICANT: Guegler, Karl J.
; APPLICANT: Corley, Neil C.
; TITLE OF INVENTION: NEW HUMAN G-PROTEIN COUPLED
; TITLE OF INVENTION: RECEPTOR
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
```

Li, Ruixiang

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**From:** Hensle, Kristine (ASRC)  
**Sent:** Wednesday, November 08, 2006 1:32 PM  
**To:** Li, Ruixiang  
**Subject:** The results have posted for SN 10/523100 seq ids 1 and 3, Search Acc.# 205970.

Dear Examiner Li,

I just checked SCORE and the results for your sequence search are there now. I would encourage you to use SCORE and see your results today.

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- 5) If you don't see all of your results (or to see all previous search results), click on the **View version list for this application** link. And then click on another version number.

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FILE 'MEDLINE, BIOSIS, CAPLUS' ENTERED AT 16:22:50 ON 10 DEC 2006

|    |  |
|----|--|
| L1 | 5647 S (ADAMS, J.? OR ADAMS J.?)/AU OR (CONNOLLY, D.? OR CONNOLLY D. |
| L2 | 31 S RUP41 OR GPR22  |
| L3 | 0 S L1 AND L2  |
| L4 | 22 DUP REM L2 (9 DUPLICATES REMOVED)                                 |

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 1012 | (John near Adams.in.) or (Daniel near Connolly.in.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/12/10 14:33 |
| L2    | 2    | RUP41   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/12/10 14:33 |
| L3    | 1    | L1 and L2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/12/10 14:34 |
| L5    | 1    | "6555339".pn.                                       | USPAT   | OR               | OFF     | 2006/12/10 14:35 |